Muzaffarpur Extension have been spent on these two thermal projects.

(c) No proposals from Government of Bihar are pending for clearance in the Central Electricity Authority.

(d) Does not arise.

Fast Track Power Porject at Vizag

2816. DR. MOHAN BABU: Will the PRIME MINISTER be pleased to state:

(a) whether the fast track power project being set up at Vizag with Japanese colloboration has been held up; and

(b) if so, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) and (b) The Visakhapatnam Thermal Power Project (1040 MW), being set up by M/s. Hinduja National Power Corporation Ltd., has obtained the techno-economic clearance of the Central Electricity Authority. The Power Purchase Agreement and the Coal Supply and Transportation Agreement for the project have yet to be finalised.

Techno-Economic Clearance of IPPs by CEA

2817. SHRI NILOTPAL BASU: Will the PRIME MINISTER be pleased to state:

(a) whether Government are planning to do away with the Techno-economic clearance by CEA, in case of Independent Power Producers;

(b) if so, the reasons therefor and in what manner Government propose to ensure the reasonableness of project cost, standardisation of equipment, norms of auxiliary consumption, etc.; and

(c) how Government propose to check formation of cartels among IPPs?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) and (b) All the power projects of private generating companies costing more than Rs. 100 crores (in case of projects awarded through Memorandum of Understanding (MOU)/Letter of Intent (LOI), etc. route) and costing more than Rs. 1,000 crores (in case of projects awarded through competitive bidding) have to obtain techno-economic clearance of the Central Electricity Authority.

(c) To ensure that State Electricity Boards/Electricity Utilities would obtain competitive prices from the Independent Power Producers (IPPs), Government of India have made competitive bidding mandatory for awarding power projects to private sector after 18.2.1995.

Power Supply position in States

2818. SHRI JOY NADUKKARA: Will the PRIME MINISTER be pleased to state:

(a) what is the power deficit/surplus position of each State;

(b) whether there is any scheme for a centrally-operated distribution system, involving all the States; if so, by when it would be completed;

(c) what schemes are there to avoid Transmission and Distribution losses; and

(d) what is the present Transmission and Distribution loss, both at the National and State levels?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) During the period April-February, 97 State-wise power supply position is given in Statement (*See* below).

(b) and (c) The responsibility for distribution of electricity vests with the State Electricity Boards/Electricity Deptts. In order to reduce the transmission and distribution losses, the Central Electricity Authority had issued

guidelines which, interalia, provide for the following:

— Upgradation of operating voltages;

— reduction of length of LT lines;

— location of transformers near load centres;

— adoption of low capacity transformers at consumers premises;

— installation of shunt capacitors;

— improvement in construction and operation techniques; and

— systematic and methodological approach for planning and design of distribution system on the long term basis.

The Central Electricity Authority has also issued guidelines for conducting energy audit which lays down procedure for conducting energy audit/studies. These also provide for action plan for formulation and implementation of audit schemes and analysis of results to segregate technical and commercial losses.

Necessary amendments have also been enacted to The Indian Electricity Act, 1910 to make the theft of electricity a cognisable offence.

In the Common Minimum National Action Plan for Power issued in December, 1996, with the State Governments, the following measures have been suggested for reduction of transmission and distribution losses:

(i) Compulsory metering at substations on all major feeders.

(ii) Compulsory metering of all new electricity connection. Also connections to agricultural sector exceeding 10 HP should be completed within a period of two years.

(iiii) All electric supplies to be metered by 2202 A.D.

(iv) Compulsory annual energy audit of large consumers i.e. 100 KVA would be ensured.

(v) Time of the day metering would be introduced for big power consumers for better load management.

A legal framework has now been established and transmission has been recognised as a distinct acitivity. This will facilitate greater investment in transmission projects by public, private and joint sectors. This will help in reducing T&D losses.

(d) Statewise and all India T&D losses during 1994-95 is given in Statement-II.

Statement I

Actual Power Supply Position (All figures in MU net)

Region/ State/ System	April, 96 — February, 97			
	Requirement	Availability	Shortage	%
NORTHERN REGION				
Chandigarh	821	820	1	0.1
Delhi	13031	12673	357	2.7
Haryana	12820	12066	754	5.9
H.P.	2116	2994	22	1
J&K	4373	3561	812	18.6
Punjab	20110	19763	347	1.7
Rajasthan	18015	16706	1309	7.3
U.P.	37630	32406	5224	13.9
N.R.	108915	100089	8826	8.1

Region/ State/ System	April, 96 — February, 97			
	Requirement	Availability	Shortage	%
WESTERN REGION				
Gujarat	34660	31883	2777	8.0
M.P.	29685	26330	3355	11.3
Maharashtra	54505	51572	2933	5.4
Goa	1161	1161	0	0
W.R.	120011	110946	9065	7.6
SOUTHERN REGION				
A.P.	38340	28290	8050	22.2
Karnataka	22480	16494	5986	26.6
Kerala	10385	8002	2383	22.9
Tamilnadu	32730	28177	4553	13.9
S.R.	101935	80963	20972	20.6
EASTERN REGION				
Bihar	8795	6345	2450	27.9
D.V.C.	7625	7379	246	3.2
Orissa	9650	9342	308	3.2
West Bengal	14000	13585	415	3.0
E.R.	40070	36651	3419	8.5
NORTH-EASTERN REGION				
Arunachal Pradesh	149.4	75.7	72.7	48.7
Assam	2757.2	2490.4	266.8	9.7
Manipur	372.4	339.1	33.3	8.9
Meghalaya	374.9	374.9	0.0	0
Mizoram	169.5	141.7	27.8	16.4
Nagaland	167.8	143.8	24.0	14.3
Tripura	439.8	337.4	102.4	23.3
N.E.R.	4431.0	3904.0	527	11.9
ALL INDIA	375362	332553	42809	11.4

Statement II

State-wise and All India T & D Losses during 1994-95

Region	State Elecy. Board/ Elecy. Deptt.	1994-95 (Quantum) (MU)	%
NORTHERN REGION	Haryana	3420.13	30.80
	Himachal Pradesh	474.00	18.21
	Jammu & Kashmir	1593.17	48.74
	Pujab	3287.04	16.70
	Rajasthan	3960.75	24.78
	Uttar Pradesh	7169.24	21.69
	Chandigarh	201.70	28.44
	D.E.S.U.	4161.50	34.55

Region	State Elecy. Board/ Elecy. Deptt.	1994-95 (Quantum) (MU)	%
WESTERN REGION	Gujarat	5389.54	20.02
	Madhya Pradesh	5062.25	19.61
	Maharashtra	7360.93	16.33
	D & N Haveli	30.23	11.35
	Goa	277.08	26.87
	Daman & Diu	33.15	16.30
SOUTHERN REGION	Andhra Pradesh	5120.81	17.95
	Karnataka	3830.60	19.41
	Kerala	1784.45	20.05
	Tamil Nadu	4766.19	17.11
	Lakshadweep Is	2.41	17.84
	Pondicherry	146.42	15.00
EASTERN REGION	Bihar	1623.45	19.76
	Orissa	2028.22	23.03
	Sikkim	17.73	21.22
	West Bengal	2204.05	21.51
	A & N Island	16.17	22.38
NORTH EASTERN REGION	Assam	546.54	24.18
	Manipur	72.39	25.30
	Meghalaya	85.90	18.47
	Nagaland	43.73	36.12
	Tripura	93.07	31.96
	Arunachal Pradesh	51.18	45.30
	Mizoram	36.46	29.76
All India (Utilities)		69568.56	21.13

Penalty on Andhra Pradesh for not Conforming to Performance Parameters

2819. DR. D. VENKATESHWAR RAO: Will the PRIME MINISTER be pleased to state:

(a) whether the Ministry of Power has opposed the proposal of the Ministry of Finance, imposing penalty clause on Andhra Pradesh in case of not-conforming to performance parameters; and

(b) whether it was one of the conditions imposed on the State for issuing counter guarantee to the 216 MW GVK sponsored power project in the State?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) and (b) On the issue of obtaining counter-guarantee of Government of India for the 216 MW Jegurupada power plant of M/s. GVK Industries, Government of Andhra Pradesh had made a request seeking exemption from fulfilment of certain eligibilty conditions prescribed in the general parameters for Government of India counter-guarantee for a period of two years coinciding with the commencement operation of the project. The State Government had also requested to be exempted from payment of additional guarantee fees prescribed in the general parameters for non-fulfilment of these conditions. The Government have approved both these proposals of the Government of Andhra Pradesh.

Doing away with the Thermal Power Projects

2820. SHRI ONWARD L. NONGTDU: Will the PRIME MINISTER be pleased to state:

(a) whether Government propose to adopt a long term policy to do away with the Thermal Power Projects in the country; and

(b) if so, what are the alternative sources of energy proposed to be tapped?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) No, Sir.

(b) Does not arise.